



VANUATU CLIMATE UPDATE

Vanuatu Meteorology and Geo-Hazard Department

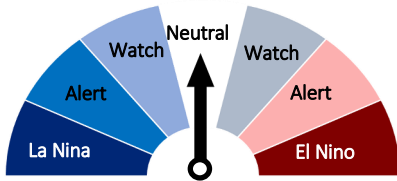


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HIGHLIGHTS

ENSO Status: Neutral



Renfol blong pas tri manis:
Maj 2020 kasem May 2020

Abav nomol:	Whitegrass, Aneityum
Nomol:	Pekoa, Bauerfield, Port Vila
Bilou Nomol:	Sola

Akuresi blong Fokas blong las tri manis:
Maj 2020 kasem May 2020

Fokas hemi bin stret long:	
Fokas hemi lelebet stret long:	Bauerfield, Port Vila, Whitegrass mo Aneityum
Fokas hemi no bin stret long:	Sola, Pekoa

Level blong draot long las tri manis:
Maj 2020 kasem May 2020

Nogat Draot:	Sola, Pekoa, Lamap, Bauerfield, Whitegrass mo Aneityum.
Woning:	
Draot:	Port Vila

Aotluk blong korel rif blong nekis 4 weeks, kasem 5 July

Nogat Stress:	Evri aelan tru aot Vanuatu
Waj:	
Woning	
Alert Level 1:	
Alert Level 2:	

KLAEMET AOTLUK Julae 2020 – Septemba 2020

RENFOL FOKAST

Overall Vanuatu: Yumi expectem renfol blong bae hemi nomol mo bilou nomol long trifala manis we istap kam.

Noten Rijen: Long ol province blong yumi long Not (Torba, Sanma, Penama mo Malampa), janis blong kasem nomol renfol mo bilou nomol renfol hemi semak. Hemia I minim se bae yumi save kasem renfol we hemi either nomol, or bilou nomol.

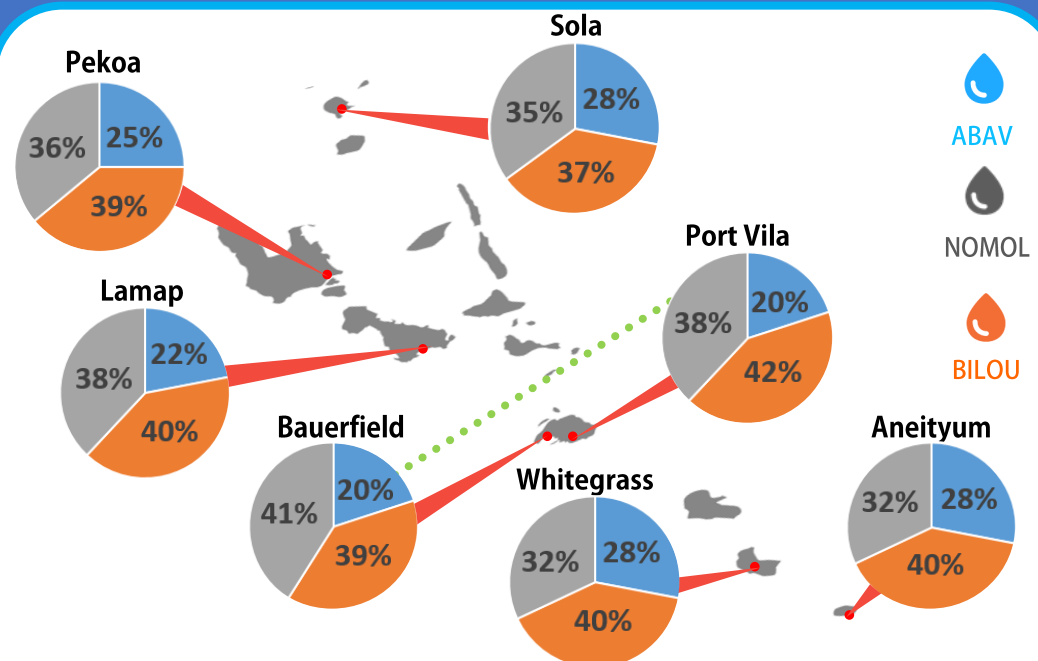
Konfidens: Moderate to Good (Noten rijen).

Saoten Rijen: Long ol province blong yumi long long Saot (Shefa mo Tafea), yumi expectem bilou nomol renfol.

Konfidens: Good to high (Saoten rijen).

El Niño Southern Oscillation (ENSO): Inactive o Neutral. Hemia I minim se Inogat wan El Niño o La Nina. Janis blong gat wan La Nina long en blong Drae Sisen hemi stil low.

3 MANIS RENFOL AOTLUK: JULAE — SEPTEMBER 2020



Station	Aotluk Hemi baias iko long	Bilou mm (probability)	Nomol mm (probability)	Abav mm (probability)
Sola	Bilou nomol	<529 (37%)	529 — 831 (35%)	>831 (28%)
Pekoa	Bilou nomol	<202 (39%)	202 — 396 (36%)	>396 (25%)
Lamap	Bilou nomol	<197 (40%)	197 — 299 (38%)	>299 (22%)
Bauerfield	Bilou nomol	<179 (39%)	179 — 273 (41%)	>273 (20%)
Port Vila	Bilou nomol	<187 (42%)	187 — 327 (38%)	>327 (20%)
Whitegrass	Bilou nomol	<106 (40%)	106 — 181 (32%)	>181 (28%)
Aneityum	Bilou nomol	<267 (40%)	267 — 373 (32%)	>373 (28%)

GENERAL LUKLUK

Southern Oscillation Index (SOI): SOI valu blong las 30 dei kasem 7 June hemi -3.4. Valu ya istap long renj blong ENSO neutrel, we I minim se inogat El Niño mo La Nina.

Tred Win: Ol tred win oli stap long nomol we istap soem ENSO neutral. Ol ted win oli stap kam weak lo taem blong wan El Niño, mo long taem blong wan La Nina ol tred win oli stap kam strong.

Coral Bleaching Alert: Inogat stress long ol coral long June. Fokas I shoem se bae I stil nogat stress long ol corel long nekis 4 wiks kasem 5 July.

Sea Surface Temperature (SST):

Tempereja blong solwora hemi wom kasem 28°C ova Torba, Sanma mo Penama long fes wik blong June. Tempereja blong solwora ova Malampa mo Shefa hemi kasem 26°C, mo solwora ova Tafea hemi 24°C. Lukluk istap se tempereja blong solwora I stil save kasem 28°C ova long noten rijen, mo bilou 26°C long saoten rijen, long manis blong July 2020.

Ol Model Fokas: Ol klaemet model we VMGD istap yusum oli shoem se ENSO bae I stap long neutral tru out long Julae kasem Septemba 2020.

ENSO Event Aotluk: Ol tempereja blong solwora oli stap shoem sam saen blong gat wan La Nina tuwods en blong drae sisen, be janis blong event blong I happen hemi stil low. Bae VMGD I continue blong monitarem situation mo givim update sapos janis blong event hemi inkris.



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ENSO TERMS

El Nino Southern Oscillation (ENSO):

Hemia hemi tokbaot saekol blong El Nino mo La Nina mo ifek we tufala igat long renfol blong yumi.

El Nino: Hemia hemi taem we ol tred win long



Pasifik oli lusum paoa blong olgeta mo ol wom wota oli mov igo long is. Long taem ia klaod nasara tu imuv wetem wom wota. Long Vanuatu wan El Nino hemi minim se bai renfol hemi go daon bitim nomol

La Nina: Hemia hemi taem we ol tred win long Pasifik oli kam



strong moa mo oli pusum ol wom wota igo long wes Pasifik mo movum klaod nasara tu igo lo wes. Hemia hemi oposit blong El Nino. Long Vanuatu La Nina hemi minim se bai i gat renfol we i bitim nomol. Samtaem oli stap talem se La Nina hemi wan anti-ENSO (anti-El Nino Southern Oscillation) event.

ENSO Situation Hemi Neutral: Hemi taem we inogat wan El Nino o wan La Nina.

SOI (Southern Oscillation Index): Hemia hemi mesament blong difrens long ea presa bitwin Darwin (12° S, 131° E) mo Tahiti (17°S, 150° W). Taem difrens hemi stap bitwin +7 mo -7 hemia iminim se yumi stap long wan Neutral ENSO. Taem difrens hemi bitim +7 hemia iminim se atmosfera hemi stap long condisen blong La Nina mo bai yumi save kasem plante ren. Be sapos hemi bitim -7 hemia iminim se atmosfera hemi stap long condisen blong El nino mo bai ples hemi save drae.

SST (Sea Surface Temperature): Tempereja o hot blong solwota.



Baias Towards: Taem model hemi soem se yumi usum probability blong calculetem se wanem probability nao hemi mo hae. Probability we hemi hae moa nao yumi usum olsem forecast blong yumi.

Konfidens: Taem model hemi givim wan aotluk, yumi usum konfidens blong luk se fokast ia i save hapen o no. Hae konfidens i minim se igat bigfala janis se fokast bai i hapen.

Drae Sisen: Hemi ol manis long evri yia we renfol i smol bitim ol narafala manis. Long Vanuatu drae sisen i stat long manis Mei kasem Oktoba. Drought: Taem we renfol long wan eria hemi go daon bitim averej renfol mo hemi stat blong afektem ol plant mo wota long graon, hemia oli talem se eria ia i stap long wan draot.

Favoured: Wanem nao com-puta hemi stap luk; se bae igat bigfala janis se se bai i hapen.

Fokast: Wan lukluk blong wanem bai I save hapen long fiuja. Wan narafala toktok we oli usum tu hemi "outlook". I gat weta fokast mo sisenal fokast. Klamet: Averej paten blong weta blong wan ples ova long wan longfala taem (eksambol 30 yia o moa).

Probability: Fasin blong calculetem se wanem nao janis blong wan event hemi happen. SCOPIC hemi wan probability model.

KLAEMET HEMI WANEM WE YU EXPECTEM BE WETA HEMI WANEM WE I HAPPEN O WANEM WE YU KASEM

Abav nomol renfol:

Renfol we hemi bigwan bitim averej renfol blong manis ia long wan station.



Nomol renfol: Renfol we i kasem averej amaon we yumi stap kasem oltaem blong manis ia.

Bilou nomol renfol: Renfol we i go daon tumas bitim averej

renfol blong manis ia.

Sisenal Fokast: Hemi lukluk long wanem kaem kondisen nao bai i save happen long ol manis we oli stap kam folem ol kondisen blong solwota mo ea (eksambol hemi renfol).

Verifikesen: Hemia wei blong checkem se renfol we yumi kasem long trifala manis we i pas hemi semak long wanem we yumi bin fokastem o no.

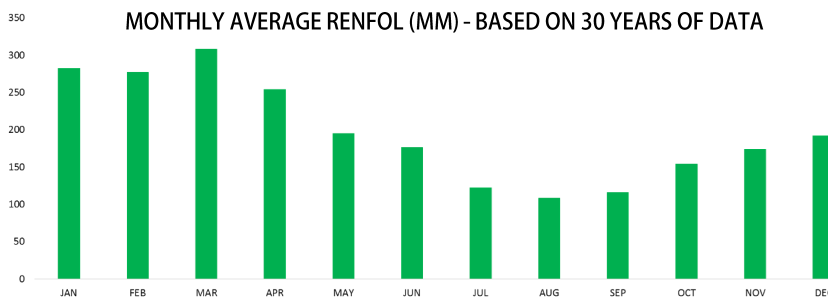
Weta: Kondisen blong ea olsem temperaja, renfol, spid blong win, long wan sot taem olsem samfala hour kasem samfala dei. Weta i jenis long evri dei mo ol jenis ia hemi isi blong yumi luk.

Weta Fokast: Hemi wan lukluk we yumi save expektem long wanem weta nao bai yumi save kasem nekis 2 wik.

Wet Sisen: (taem blong ren): Hemi ol manis long wan yia we yumi stap kasem tumas ren bitim ol narafala manis. Long Vanuatu taem blong ren hemi stap long Novemba kasem Epril long nekis yia.

HISOTORICAL RENFOL FOR ALL STATIONS IN VANUATU

MONTHLY AVERAGE RENFOL (MM) - BASED ON 30 YEARS OF DATA



STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL ANNUAL
Sola	395	361	417	443	385	312	246	323	270	376	373	355	4165
Pekoa	297	309	276	270	195	201	119	98	105	177	201	200	2448
Lamap	255	245	278	218	166	145	116	82	90	137	139	148	2019
Bauerfield	284	325	316	247	188	173	86	83	87	111	156	176	2232
Port Vila	274	209	319	233	170	154	103	92	91	107	141	183	2076
Whitegrass	175	199	198	124	88	87	59	54	60	58	71	90	1263
Aneitym	293	291	355	245	175	161	129	117	112	114	139	191	2322
Vanuatu	282	277	308	254	195	176	122	108	116	154	174	192	2358

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